

JPM 3689

FEB 02 1982

JUN 26 1980

## MATERIAL SAFETY DATA SHEET

Form Approved  
Bureau Budget No. 45-R0338

SECTION I	MANUFACTURER'S NAME AND FSCM (Federal Supply Code for Manufacturers)				EMERGENCY PHONE NO.		
	Advanced Coatings & Chemicals				(213) 579-6270		
	ADDRESS (Number, Street, City, State, and ZIP Code)						
	2213 N. Tyler Ave., So. El Monte, Ca. 91733						
	CHEMICAL NAME AND SYNONYMS				TRADE NAME AND SYNONYMS		
SECTION II - HAZARDOUS INGREDIENTS					Cadmium Conversion Coating		
	CHEMICAL FAMILY			FORMULA			
				30C-53			
	FEDERAL STOCK NUMBER (FSN)		GROSS WEIGHT (LBS)		OUTSIDE PACKAGE DIMENSIONS (Inches)		
MIL-STD-1341/NATIONAL FIRE PROTECTION ASSOCIATION STD 704M SIGNAL							
FLAMMABILITY _____ HEALTH _____ REACTIVITY _____ SPECIFIC HAZARD _____							
SECTION II - HAZARDOUS INGREDIENTS	PAINTS, PRESERVATIVES, AND SOLVENTS	%	THRESHOLD LIMIT VALUE (Units)	ALLOYS AND METALLIC COATINGS	%	THRESHOLD LIMIT VALUE (Units)	
	PIGMENTS			BASE METAL			
	CATALYST			ALLOYS			
	VEHICLE (Corrosive)	21.49	21%	METALLIC COATINGS			
	SOLVENT (Water)	78.51		FILLER METAL PLUS COATING OR CORE FLUX			
	ADDITIVES			OTHERS			
	OTHERS						
	HAZARDOUS MIXTURES OF OTHER LIQUIDS, SOLIDS, OR GASES				%	THRESHOLD LIMIT VALUE (Units)	
SECTION III PHYSICAL DATA	BOILING POINT (°F.)		About 212° F.		SPECIFIC GRAVITY (H <sub>2</sub> O=1)		
	VAPOR PRESSURE (mm Hg.)		Water		PERCENT VOLATILE BY VOLUME (%)		
					78.51%		
	VAPOR DENSITY (AIR = 1)		Water		EVAPORATION RATE (_____ = 1)		
					Water		
SOLUBILITY IN WATER							
Soluble							
APPEARANCE AND ODOR							
SECTION IV - FIRE AND EXPLOSION HAZARD DATA	FLASH POINT (Method used)			FLAMMABLE LIMITS		LOWER EXPLOSIVE LIMIT	
	Aqueous material					UPPER EXPLOSIVE LIMIT	
						Not applicable	
	EXTINGUISHING MEDIA			Not applicable			
	SPECIAL FIRE FIGHTING PROCEDURES			None			
UNUSUAL FIRE AND EXPLOSION HAZARDS							
Disastrous explosions ascribed to ammonium nitrate							

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SECTION V HEALTH HAZARD DATA	THRESHOLD LIMIT VALUE			Not established		
	EFFECTS OF OVEREXPOSURE					
	May cause eye, nose and skin irritation					
	EMERGENCY AND FIRST AID PROCEDURES					
SECTION VI REACTIVITY DATA	STABILITY		UNSTABLE		CONDITIONS TO AVOID	
			STABLE	X		
	INCOMPATIBILITY (Materials to avoid)					
	In its dissolved state, none known. Combustion may decompose material into nitrous oxide (laughing gas).					
SECTION VII SPILL OR LEAK PROCEDURES	HAZARDOUS POLYMERIZATION		MAY OCCUR		CONDITIONS TO AVOID	
			WILL NOT OCCUR	X		
	STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED					
	Dike and absorb spills with dry sand or sawdust. Transfer liquid to suitable containers for disposal according to local and federal regulations. Keep spills out of open bodies of water.					
SECTION VIII - SPECIAL PROTECTION INFORMATION	WASTE DISPOSAL METHOD					
	Land fill according to local and federal regulations.					
	RESPIRATORY PROTECTION (Specify type)					
	None required with adequate ventilation under normal operating condition					
SECTION IX SPECIAL PRECAUTIONS	VENTILATION		LOCAL EXHAUST		SPECIAL	
	General		MECHANICAL (General)		OTHER	
			X			
	PROTECTIVE GLOVES		Impervious gloves		EYE PROTECTION	
SECTION X TRANS. DATA	OTHER PROTECTIVE EQUIPMENT		Impervious apron; eyewash facility.		Splash proof goggles (ANSI Z87.1, 1968)	
	PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING					
	Keep from freezing, otherwise store at ambient temperatures. Use plastic drums or containers.					
	OTHER PRECAUTIONS					
SECTION X TRANS. DATA	PROPER SHIPPING (Article) NAME				DOT CLASSIFICATION	
	Solvent NOS				Corrosive	
	DOT LABEL		DOT MARKING		EMERGENCY ACCIDENT PRECAUTIONS AND PROCEDURES	
	Corrosive					
SECTION X TRANS. DATA	DOT PLACARD		PRECAUTIONS TO BE TAKEN IN TRANSPORTATION			
			Keep from freezing			

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